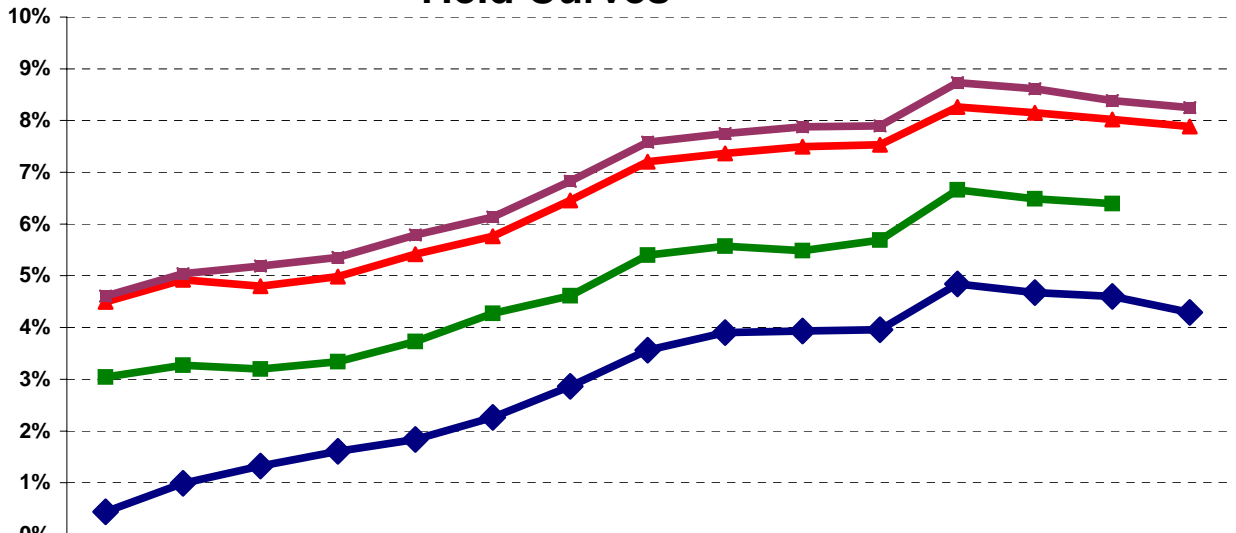
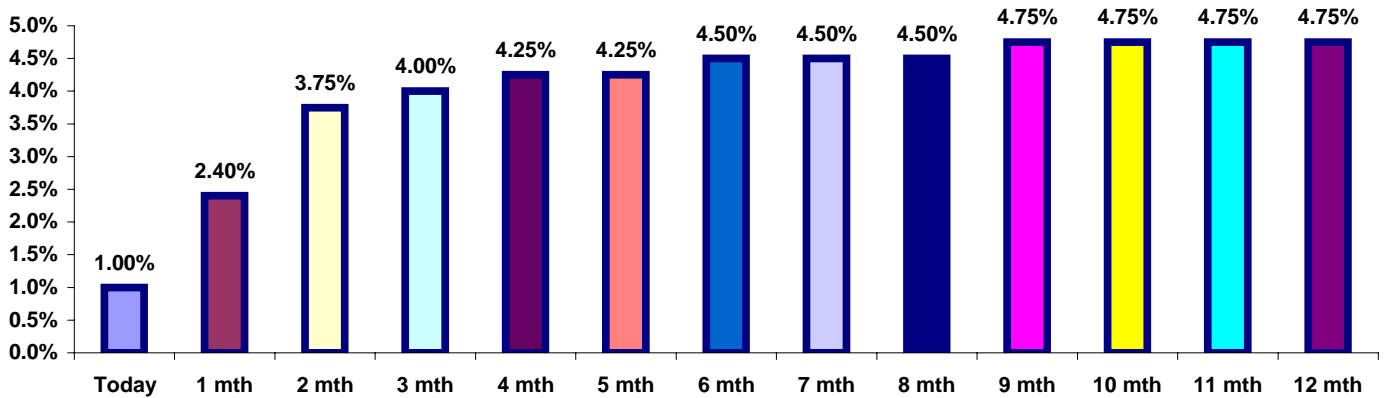


## Yield Curves

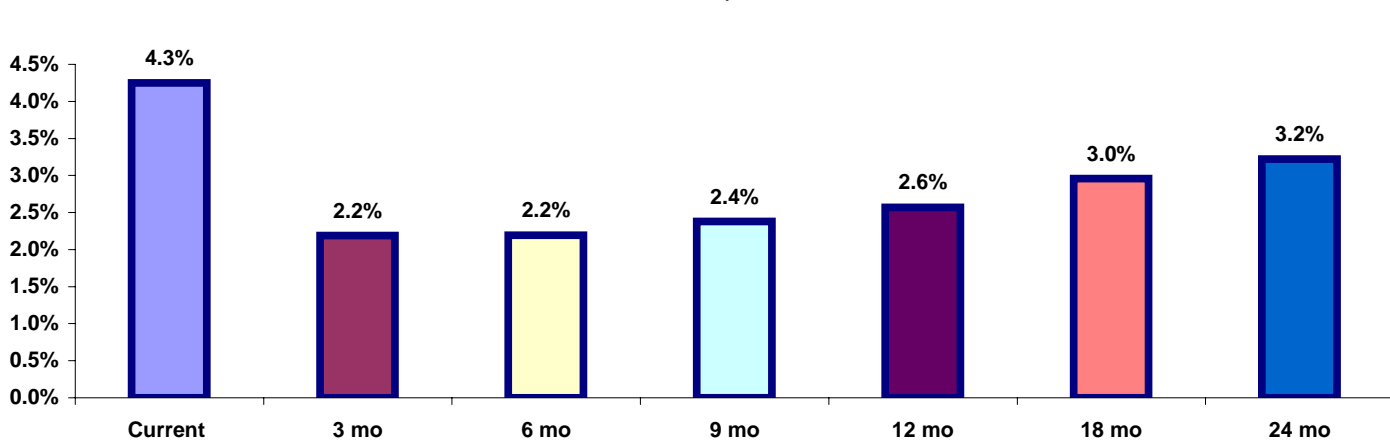


	3 M	6M	1Y	2Y	3Y	4Y	5Y	7Y	8Y	9Y	10Y	15Y	20Y	25Y	30Y
Government	0.4%	1.0%	1.3%	1.6%	1.8%	2.3%	2.9%	3.6%	3.9%	3.9%	4.0%	4.8%	4.7%	4.6%	4.3%
AAA Ind	3.0%	3.3%	3.2%	3.3%	3.7%	4.3%	4.6%	5.4%	5.6%	5.5%	5.7%	6.7%	6.5%	6.4%	
A1 Ind	4.5%	4.9%	4.8%	5.0%	5.4%	5.8%	6.5%	7.2%	7.4%	7.5%	7.5%	8.3%	8.1%	8.0%	7.9%
BBB Ind	4.6%	5.0%	5.2%	5.4%	5.8%	6.1%	6.8%	7.6%	7.8%	7.9%	7.9%	8.7%	8.6%	8.4%	8.3%

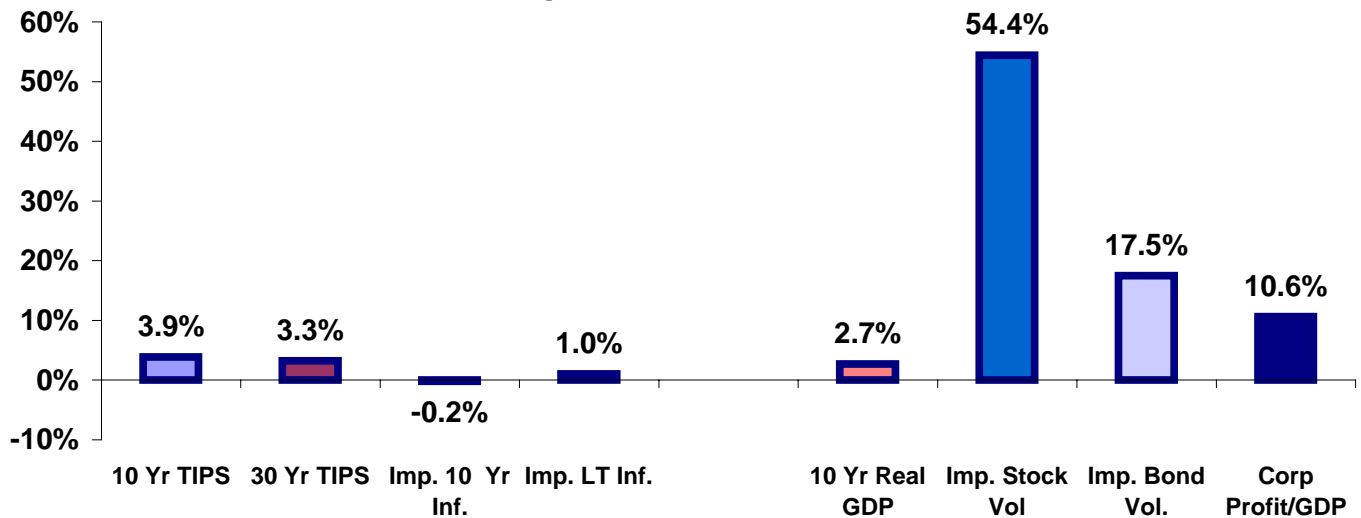
## FED FUNDS FUTURES



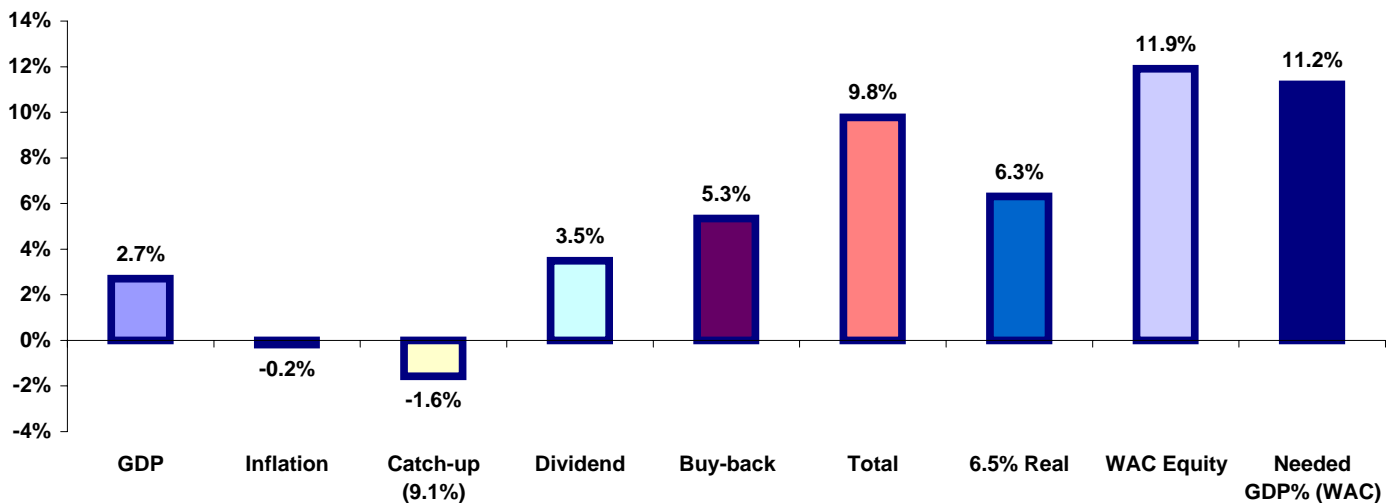
## 90 DAY EURO\$ FUTURES



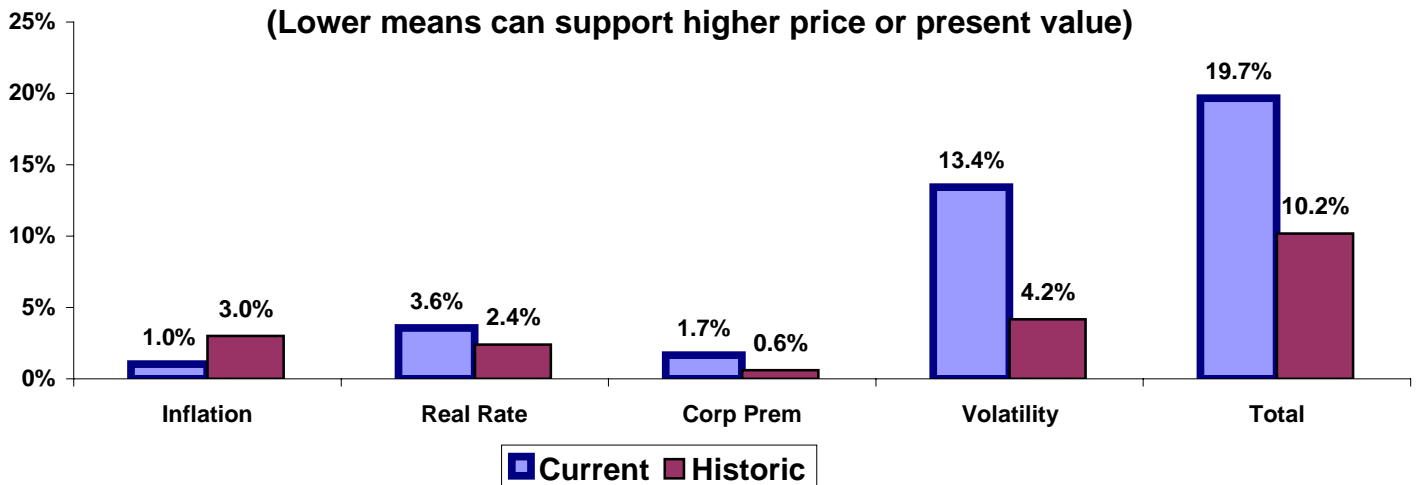
## Real Yields, Implied Inflation and Misc. Data

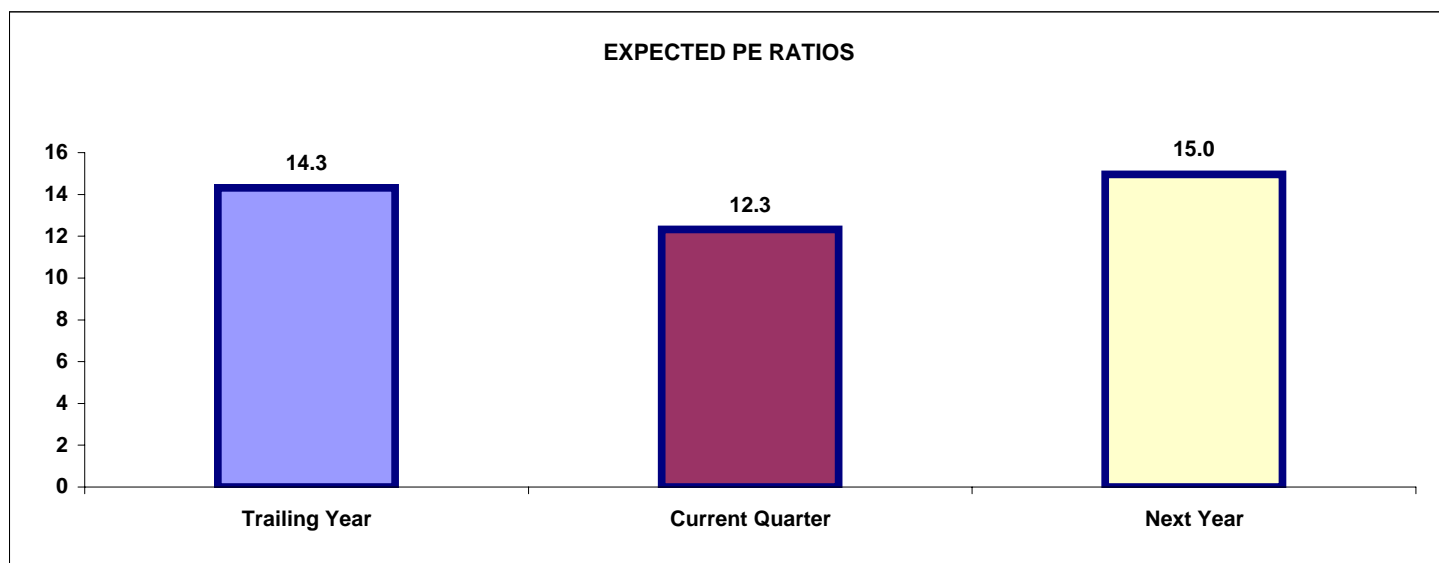
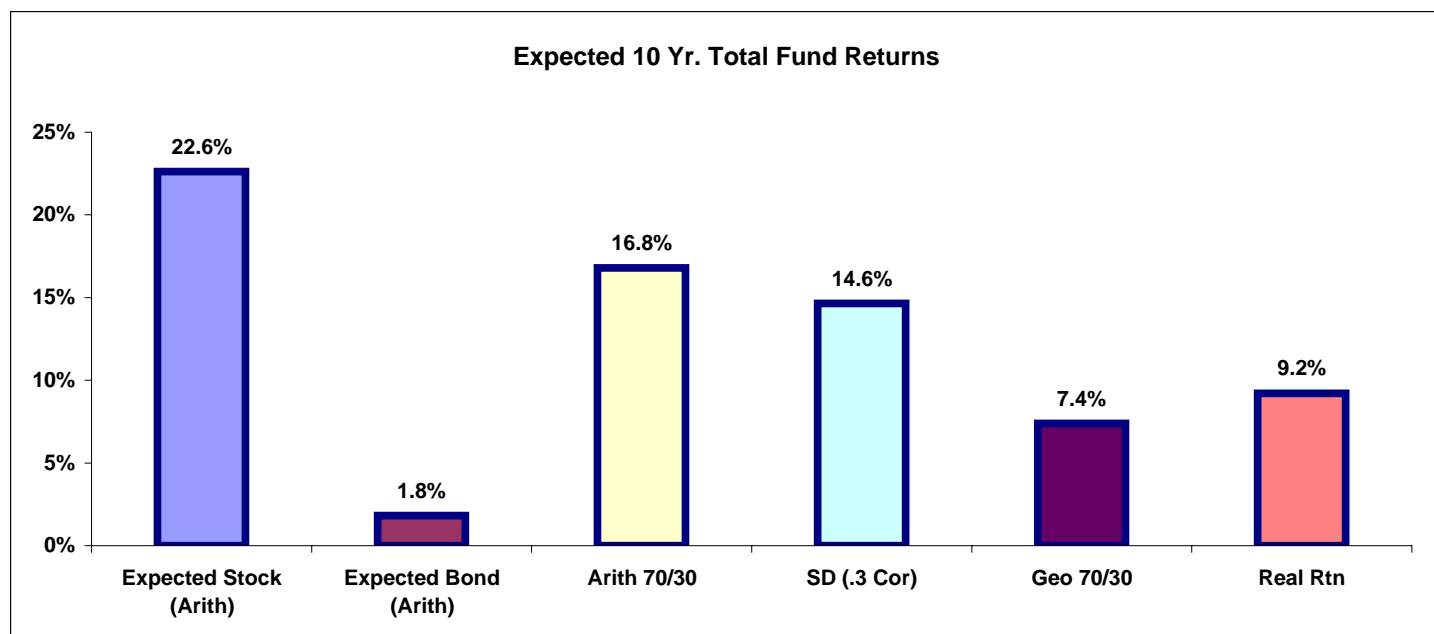
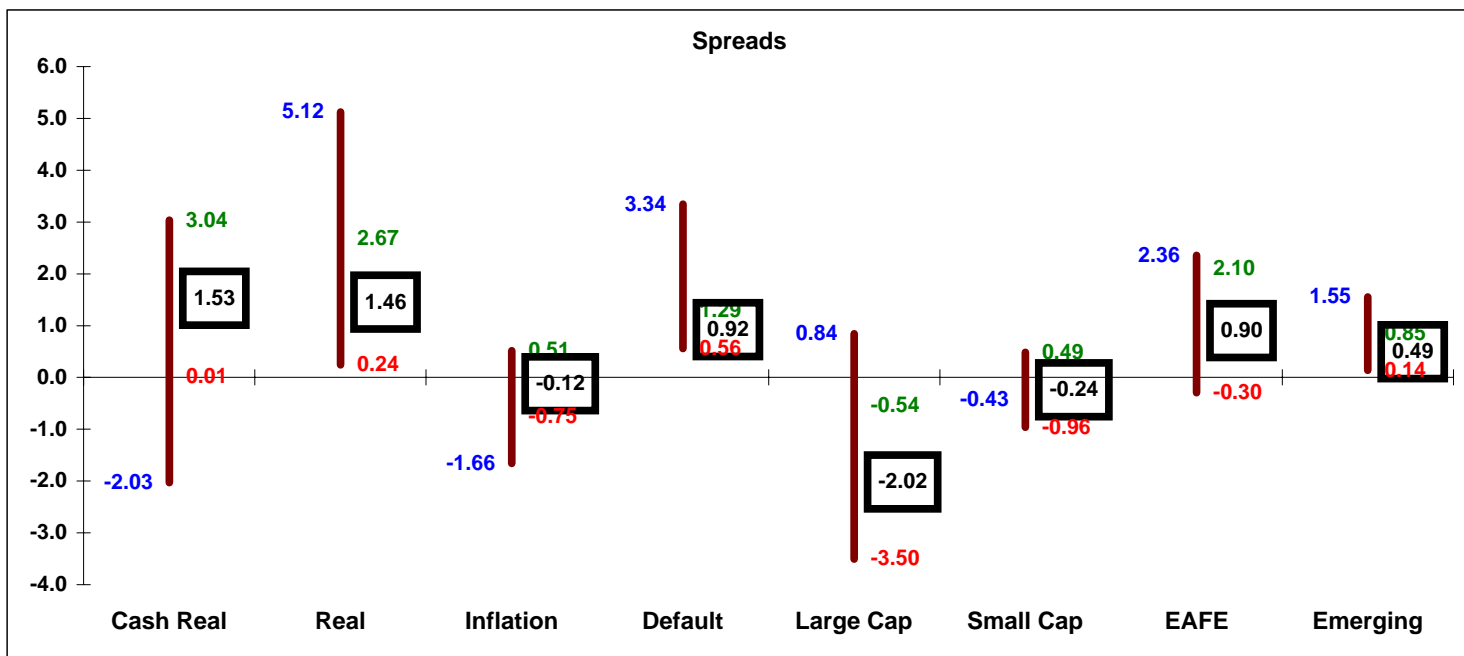


## Expected 10 Year Stock Return and Sources (Current P/E remains the same)

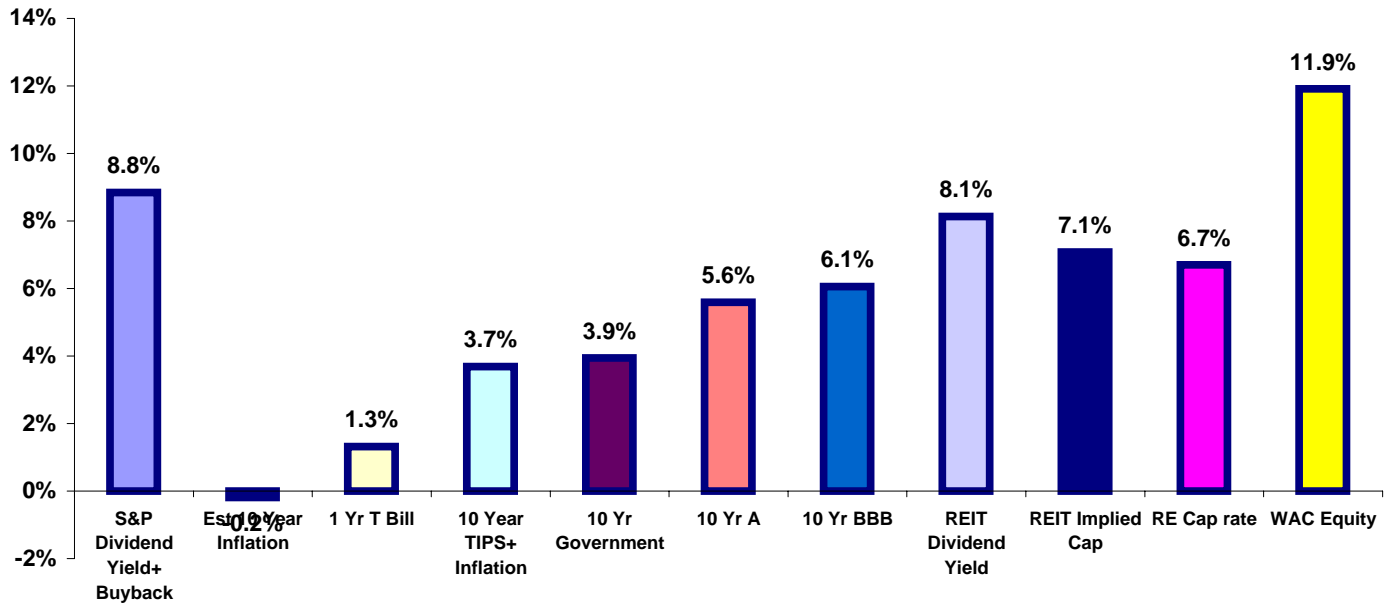


## Needed Equity Discount Rate (k) (Lower means can support higher price or present value)

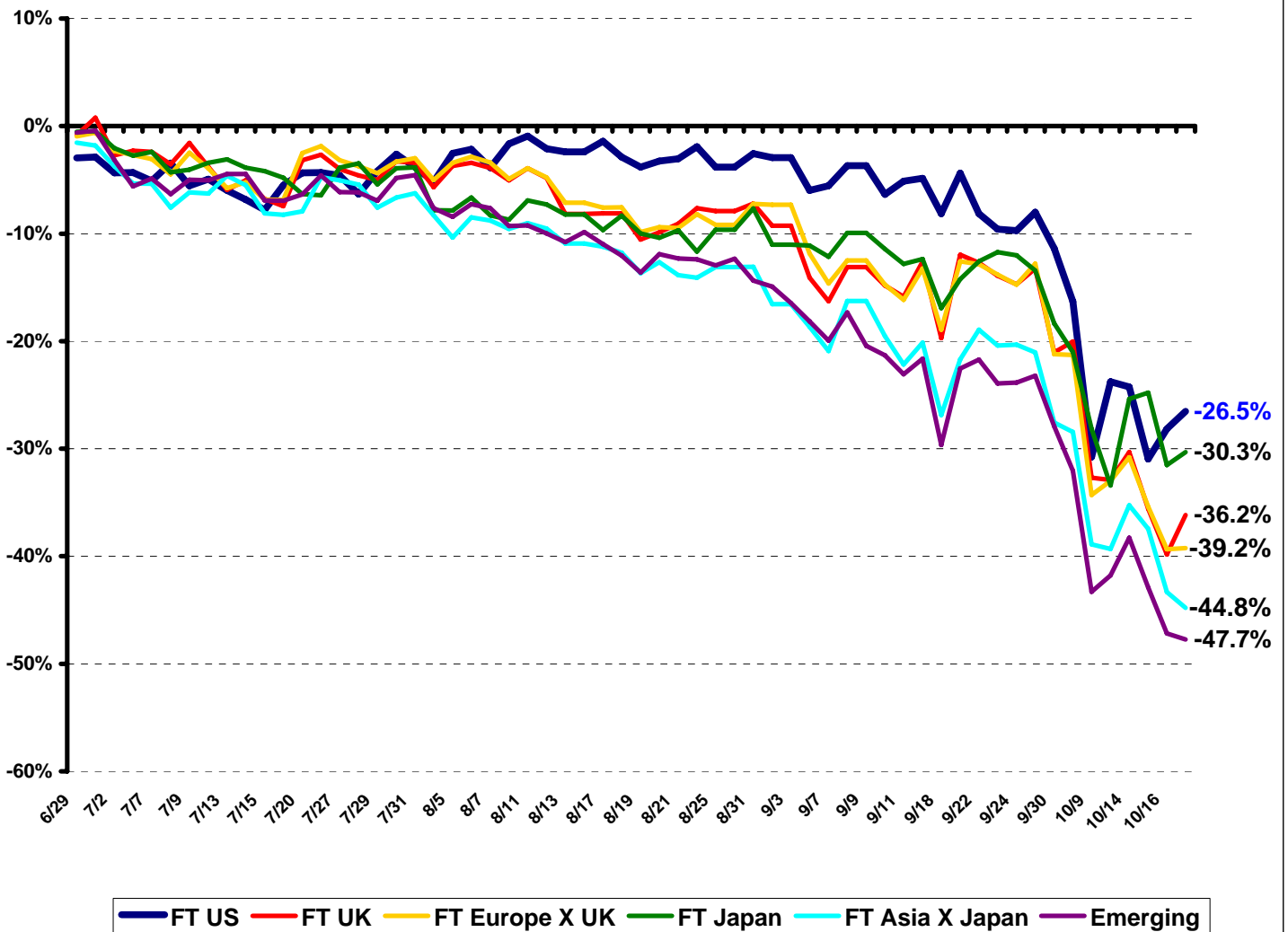




## Capital Market Yields and Rates



## Short-Term Cumulative Returns



	(billions)	% GDP	Range - Low	Average	High	1 SD
Current GDP (QoQ Annual )	\$ 14,429.20	-0.3%	-7.9% (1980)	3.4%	16.3% (1978)	3.70%
Corporate Profits	\$ 1,533.30	10.6%	6.0% (1982)	9.1%	13.0% (1950)	1.47%
After tax Profits	\$ 1,343.20	9.3%	3.1% (1986)	5.6%	7.6% (1978)	
S&P Earnings (trailing Yr)	\$ 532.34	3.7%				
S&P Earnings (current qtr)	\$ -	0.0%				
Wages and salaries	\$ 6,635.60	46.0%	36.6% (1993)	40.1%	42.9% (1959)	1.39%
WACC	9.6%		ROE on Book	19.9%		
WAC Equity	11.9%		Current P/E	12.3		
WAC Debt	4.5%		Dividend Yield	3.5%		3.5%
Debt to Capital	31%		Share Repurchase	5.3%		(SPX)
Price/EBITDA	#DIV/0!		Payout ratio	33.0%		
Price/Book	1.9		Trailing PE	21.4		

## Fixed Income

10 Yr Government	3.9%	Fed funds		90 Day Euro\$ Yields	
10Y Volatility	17.5%	Today	1.00%	Current	4.3%
10 Yr TIPS	3.9%	1 mth	2.40%	3 mo	2.2%
10 Yr A Corporate	5.6%	2 mth	3.75%	6 mo	2.2%
10 Yr BBB Corporate	6.1%	3 mth	4.00%	9 mo	2.4%
		4 mth	4.25%	12 mo	2.6%
20 Yr Government	4.7%	5 mth	4.25%	18 mo	3.0%
20 Yr AA Corporate	5.7%	6 mth	4.50%	24 mo	3.2%
30 Yr Government	4.3%	7 mth	4.50%		
30 Yr A Corporate	8.1%	8 mth	4.50%		
30 Yr TIPS	3.3%	9 mth	4.75%		
LT Bond Volatility	17.5%	10 mth	4.75%		
		11 mth	4.75%		
Implied Inflation LT	1.0%	12 mth	4.75%		
Implied 10 Yr Inflation	-0.2%				

## Equity

	P/E Ratio	EPS	Growth Estimates		
Trailing Year	14.3	\$ 2.63	LT (5 Year) growth	9.9%	
			Next Year	16.6%	16.6%
			Implied % of GDP at 5th Year	Gross 14.9%	After Tax 13.0%
This Year	12.3	\$ 2.67			
Next Year	15.0	\$ 3.11			
Dividend Yield	3.5%				
Share repurchase Yield	5.3%				
Payout ratio (Bloomberg)	33%				
LT (5 Year) growth	9.9%	\$ -			
			RE Cap Rate (Transac	6.7%	
			REIT cap Rate	7.1%	
			REIT Div	8.1%	
10 Yr Rtns	Current	Historic			
Exp. 10 Yr Geo Rtn	9.3%	9.3%			
Volatility (VIX)	54.4%	21.0%			
Exp 10 Yr. Arith Rtn	22.6%	11.3%			
Exp. 10 Yr Bond Rtn	1.8%	1.8%			
10 Yr Bnd Volatility	17.5%	6.0%			
70-30 return	16.8%	8.4%			
70-30 SD (.3 Cor)	40.0%	14.6%			
70-30 Geo Rtn	9.6%	7.4%			
Real return	11.4%	9.2%			
Assumed 10 yr Real GDP		2.7%			

# FACTORS

## Recovery Continues at Moderate Pace

GDP Real Growth QOQ (annualized)	-0.30%					
	MOM	YOY	Apr-02			
Leading Economic Indicators (% change)	0.3%	-3.0%	11.0%	High	Average	Low
ISM Manufacturing	38.9		53.9	57.5 (12/99)	51.5	43.2 (3/01)
ISM Non-manufacturing	52.1		55.3	62.1 (10/97)	56.3	40.5 (10/01)

## Inflation Stays Under Control

Inflation QOQ (annualized)	4.10%
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## Consumer Spending Remains Healthy

Consumer Spending QOQ (annualized)	-3.10%					
Real Consumer Spending (annualized)	-7.20%	Apr-02		High	Avg	Low
University of Michigan Survey	57.6	93		107.3 (6/99)	92.6	65.5 (12/90)

## Tech and Telecom Do Not Drive Recovery

S&P 1500 since 4/30/02	-7.6%
NASDAQ 100 since 4/30/02	5.3%
NASDAQ Telecom since 4/30/02	13.9%
NASDAQ Computer since 4/30/02	-2.1%

## Emerging Markets strong, Japan weak, Europe moderate

EAFE returns since 4/30/02	6.73%
Europe	31.35%
Asia	28.43%
Japan since 4/30/02	13.08%
Emerging Markets since 4/30/02	61.69%

## Corporate Spreads Narrow

	Spread	High	Average	Low
10 Year A over Government on 4/30/02	1.60%	2.18% (1/01	1.31%	0.67% (8/97)
Current 10 Year A over Government	1.65%			
		High	Average	Low
30 Year A over Government on 4/30/02	1.88%	3.33% (10/8	1.49%	0.64% (5/84)
Current 30 Yr A over Government	3.72%			
		High	Average	Low
10 Year BBB over A on 4/30/02	0.80%	1.13% (1/02	0.57%	0.16% (11/97)
Current 10 Year BBB over A	0.47%			

## Fed Policy Expected to be Benign

	Current	Expected Level
Expected 12 month tightening on 4/30/02	0.75%	1.75%
Current expected 12 month tightening	3.75%	4.75%

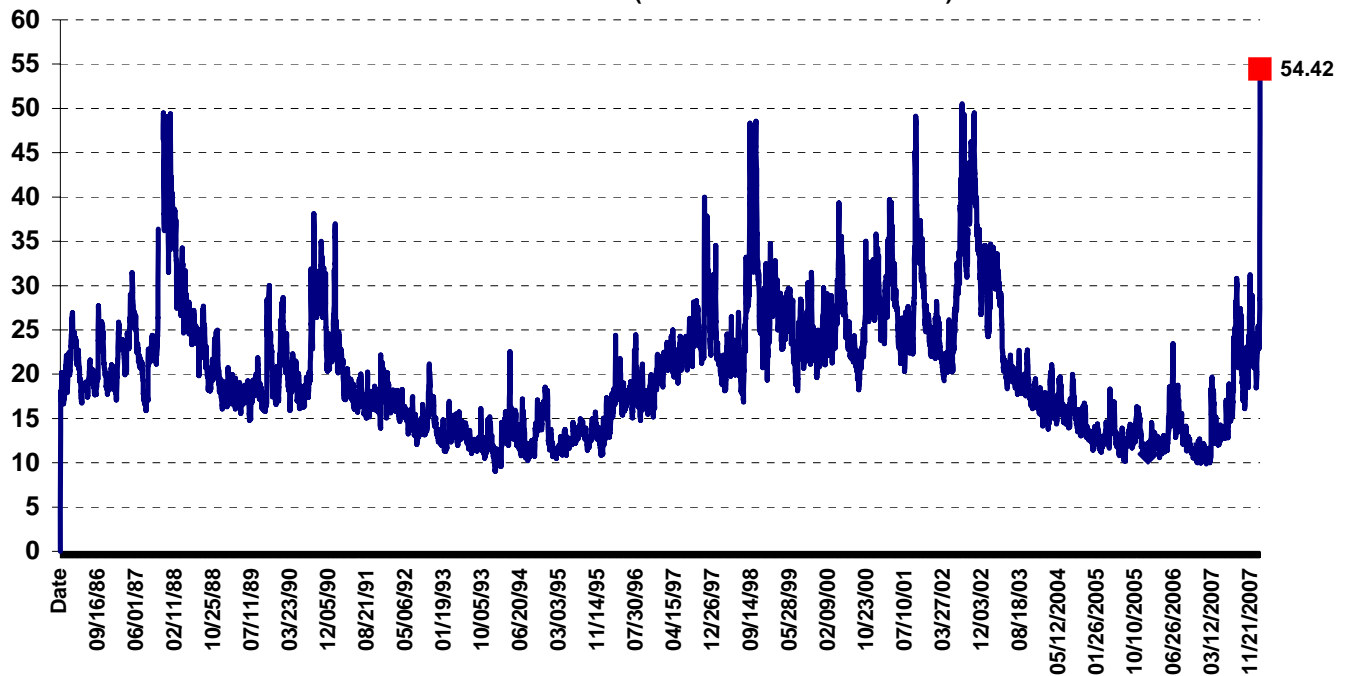
## US \$ Moderate Weakness against Euro and Pound

	\$ vs currency
Japan (\$ % change since 4/30/02)	99.1 -22.9%
UK	1.58 -7.9%
Euro	1.27 -29.0%

## US Productivity Continues at 2% - 2.5% or above

		High	Average	Low
Nonfarm Productivity Increase QOQ	4.3%	9.9% (6/83)	1.7%	-5.0% (3/93)
Nonfarm Productivity Increase YOY	3.4%	5.3% (9/83)	1.6%	-2.2% (3/82)

## VIX (Stock Volatility) Index 1981-2007 (Late October 1987 Excluded)



	w/o 10/87	With 10/87
Average Volatility	21.3	21.6
St. Deviation	7.1	8.3
Minimum	9.1	9.1
Maximum	50.1	150